

FIG. 1

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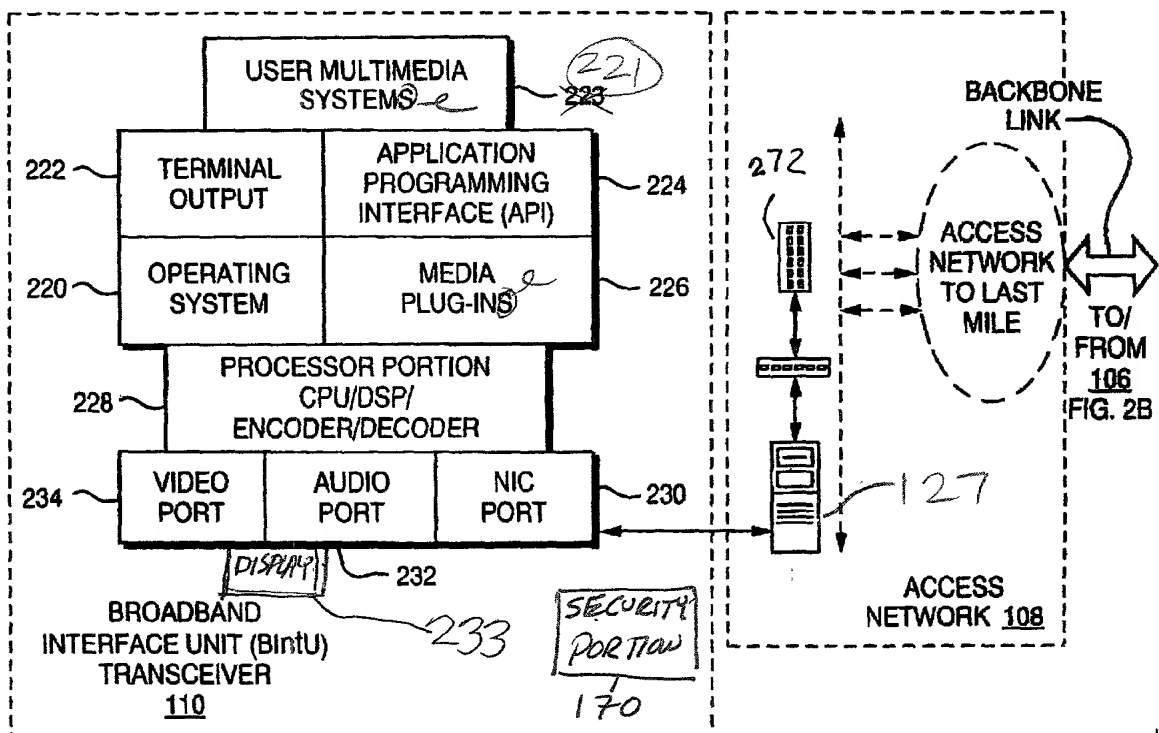
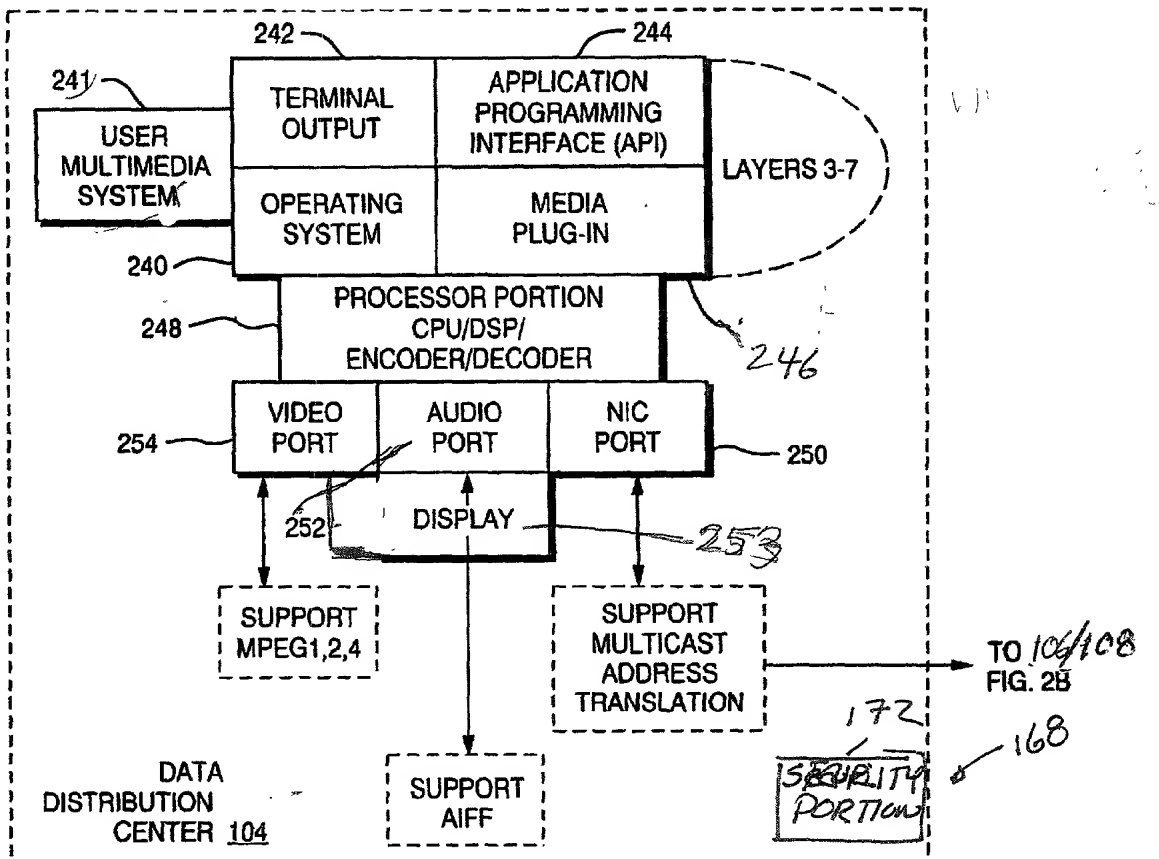
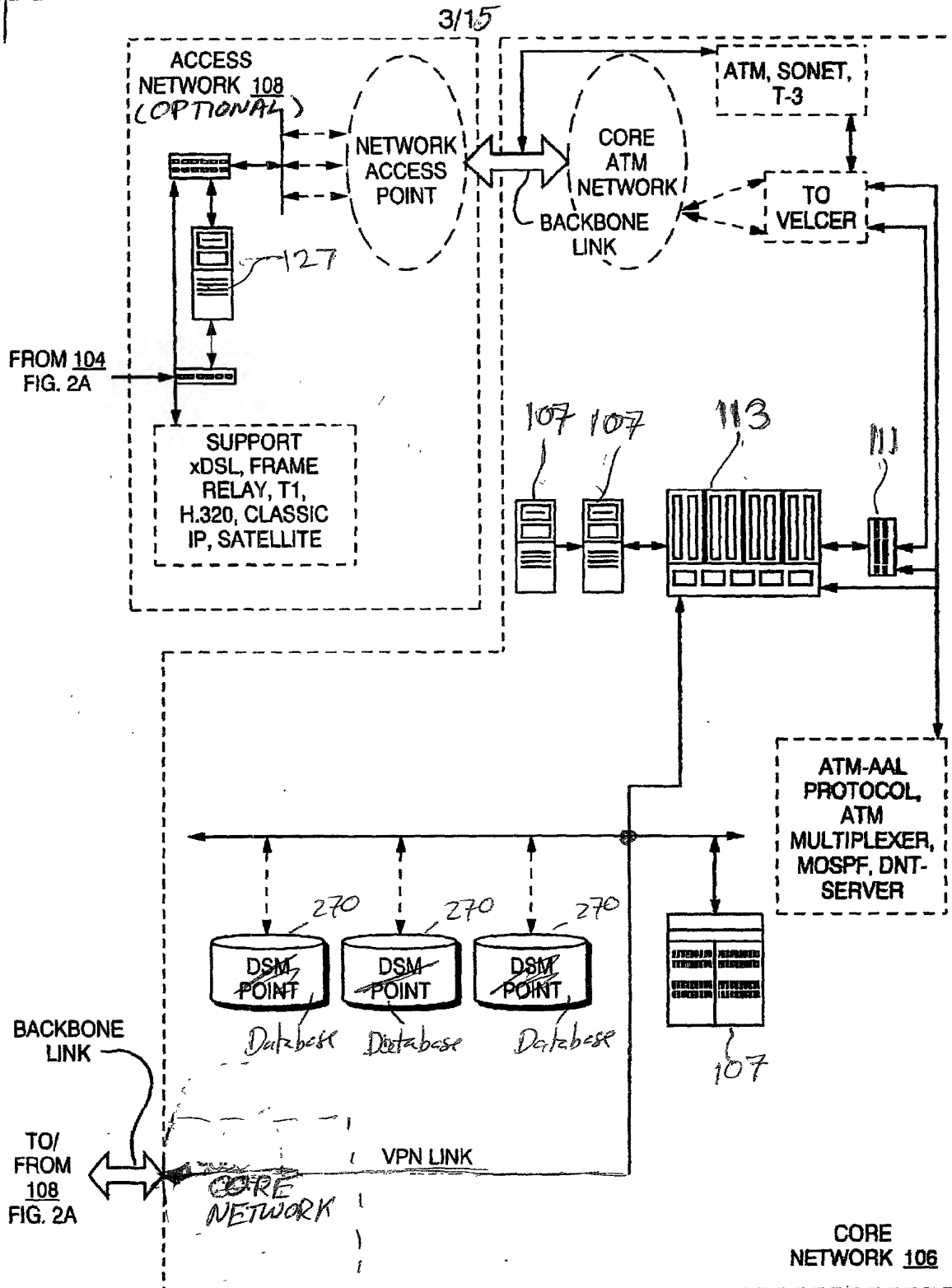


FIG. 2A



MULTIMEDIA NETWORK
SYSTEM 100

FIG. 2B

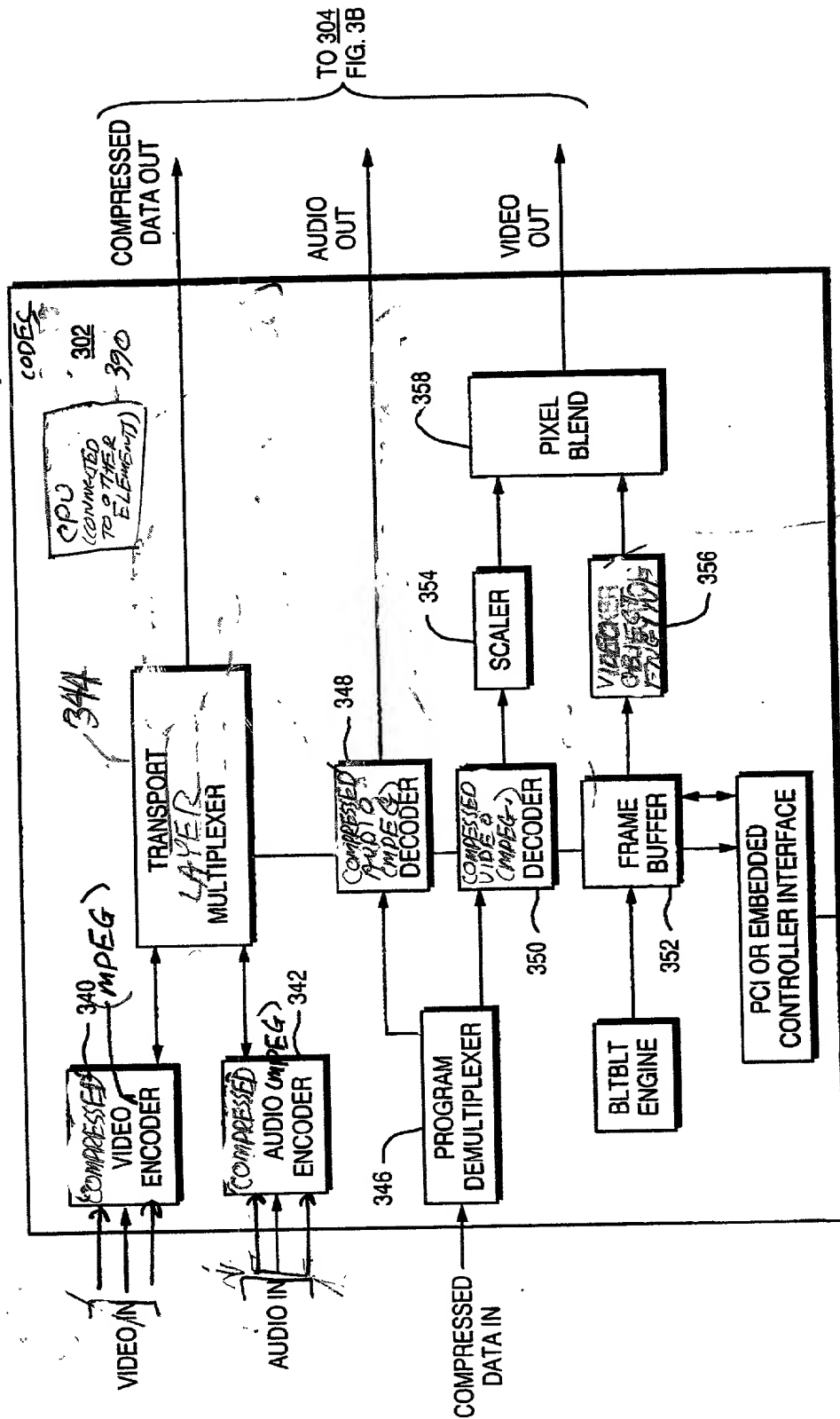


FIG. 3A

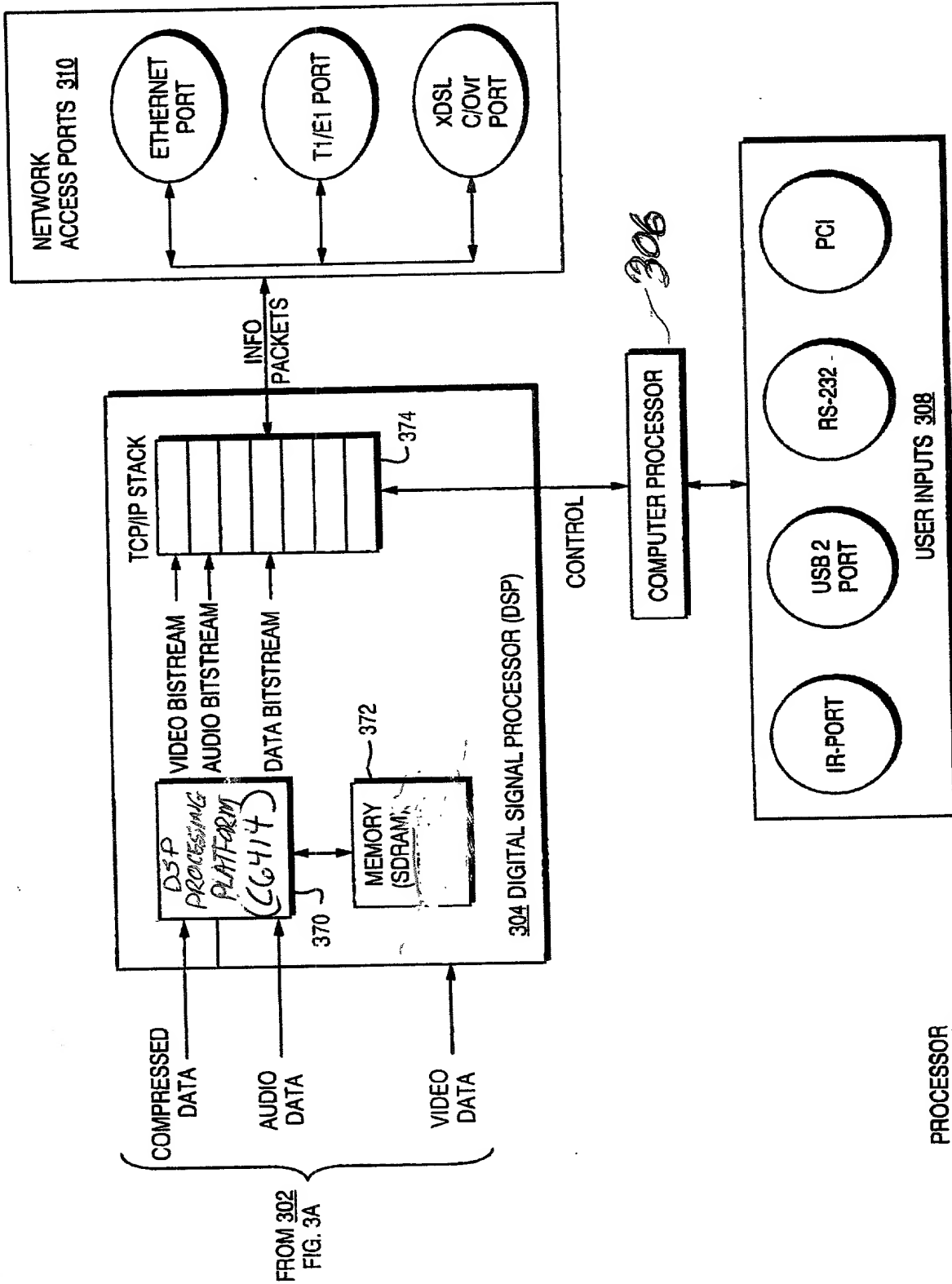


FIG. 3B

PROCESSOR
PORTION 220

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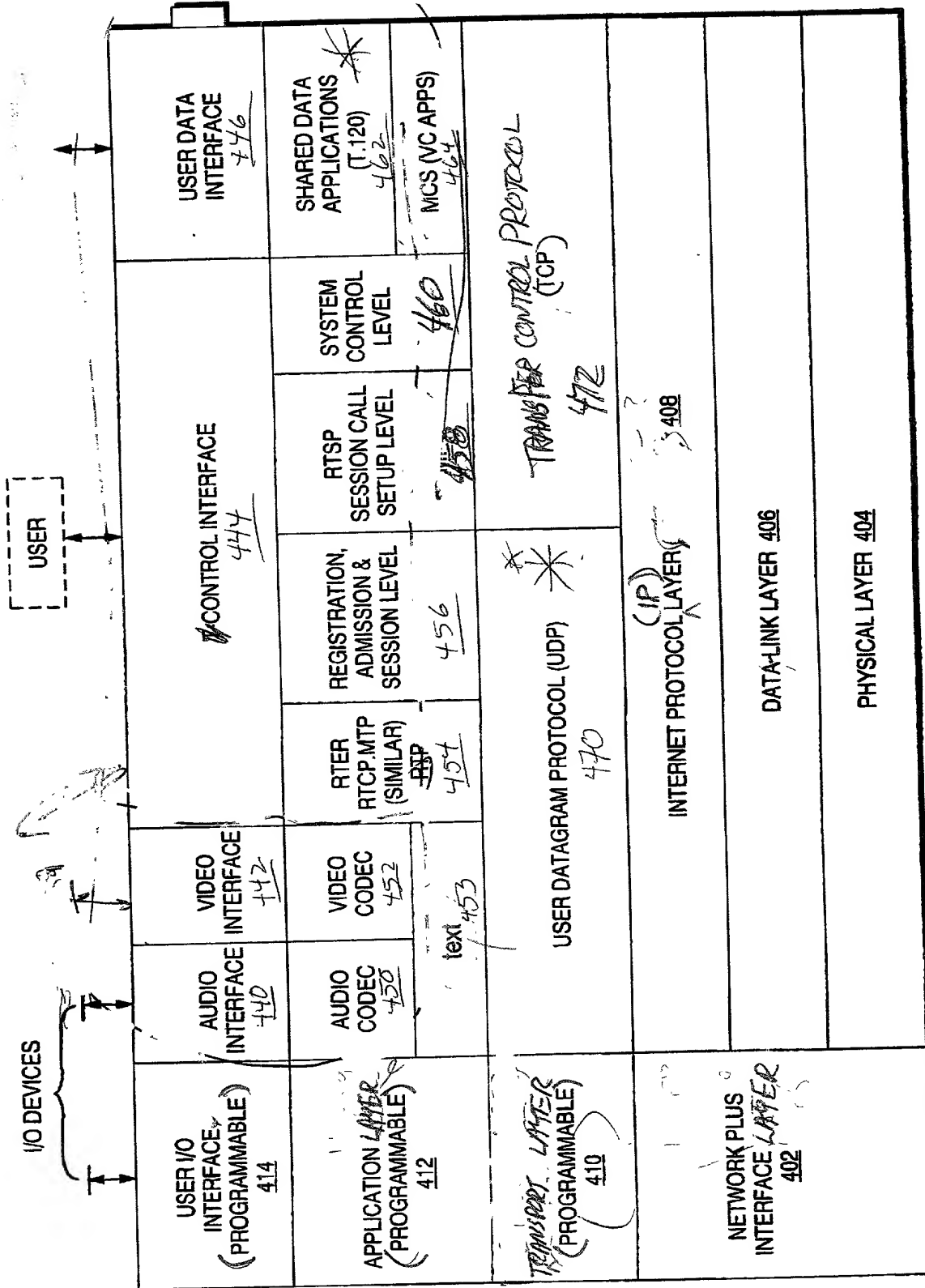


FIG. 4

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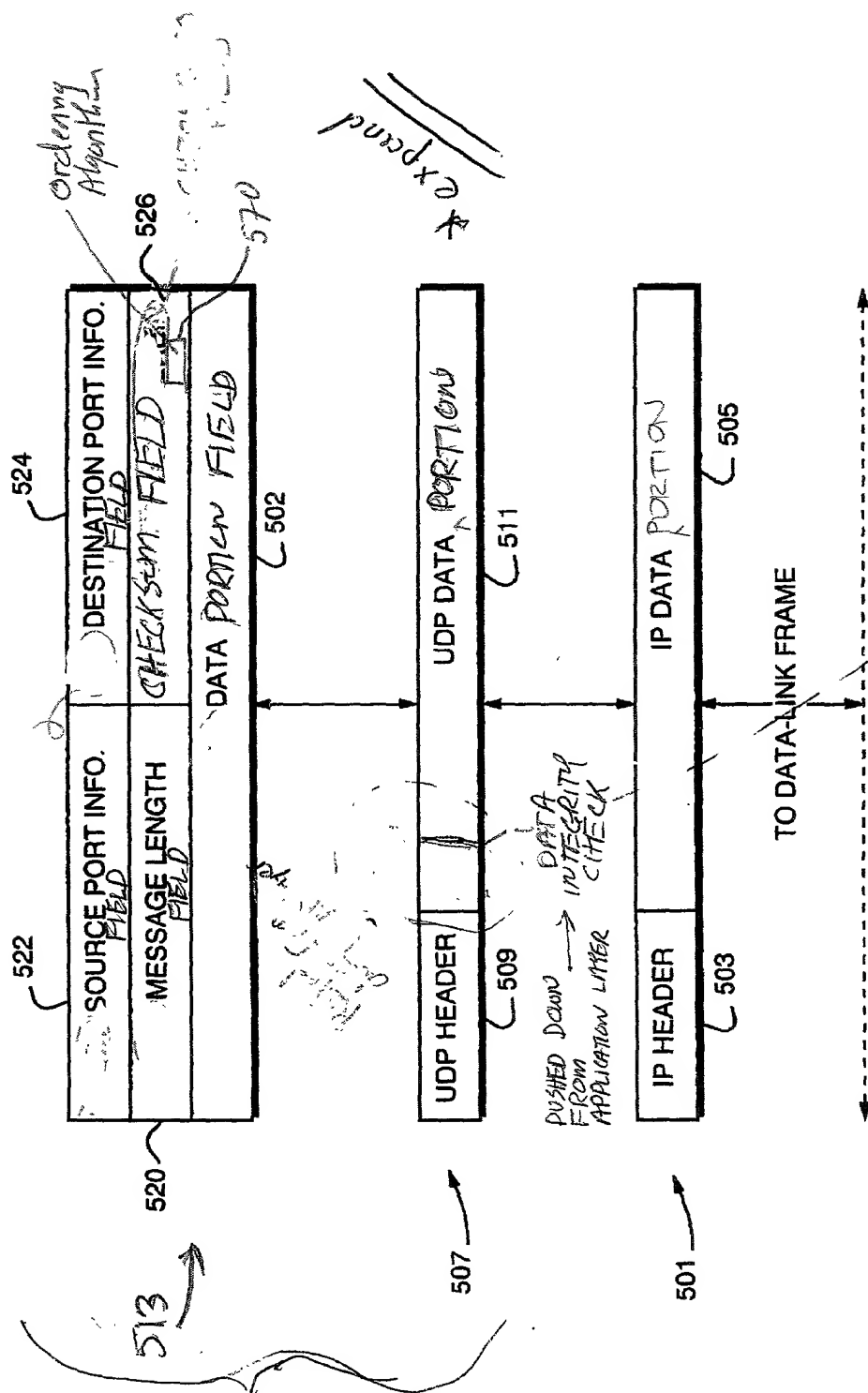


Fig. 5

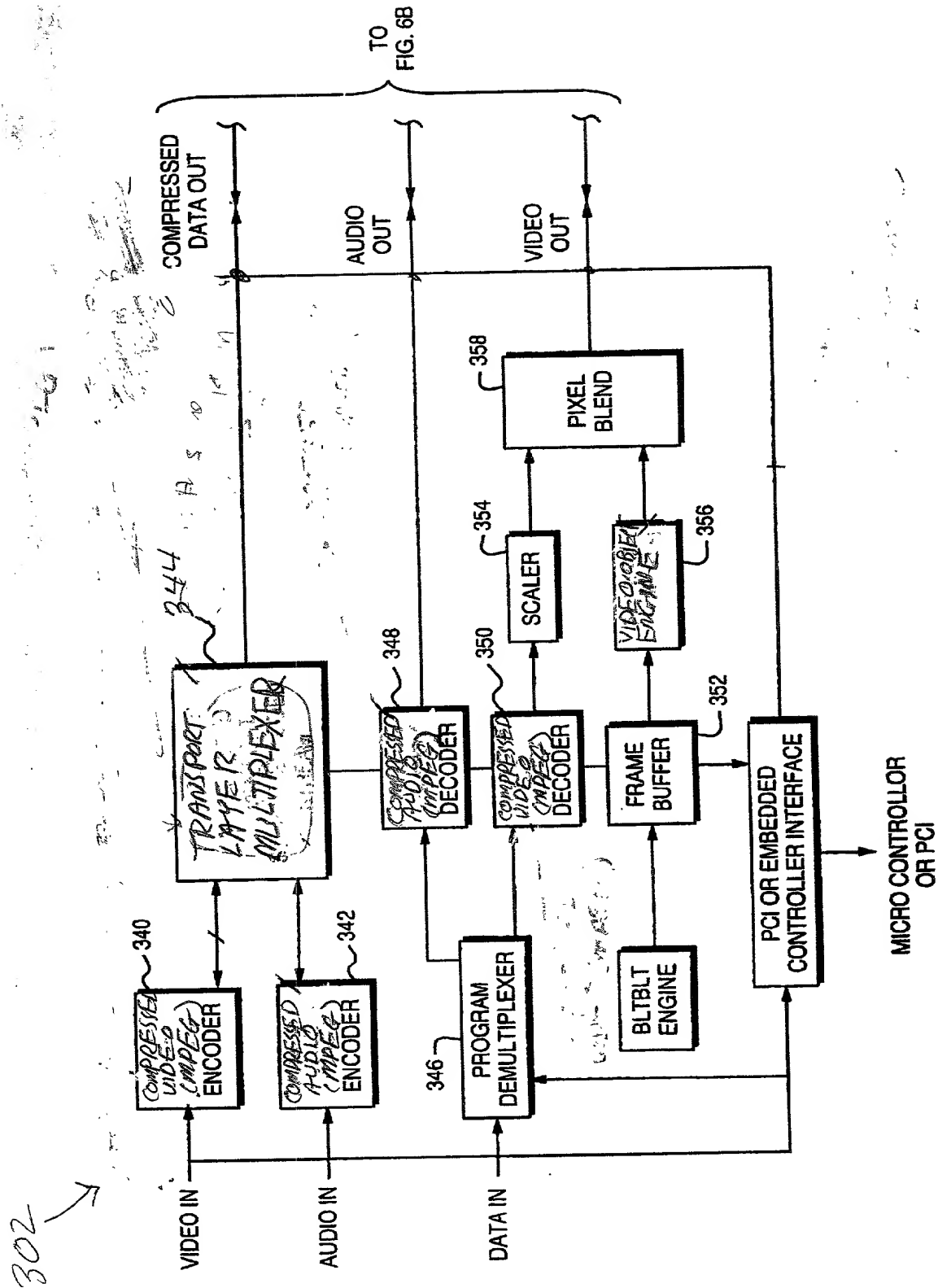
[illegible]

FIG. 6A

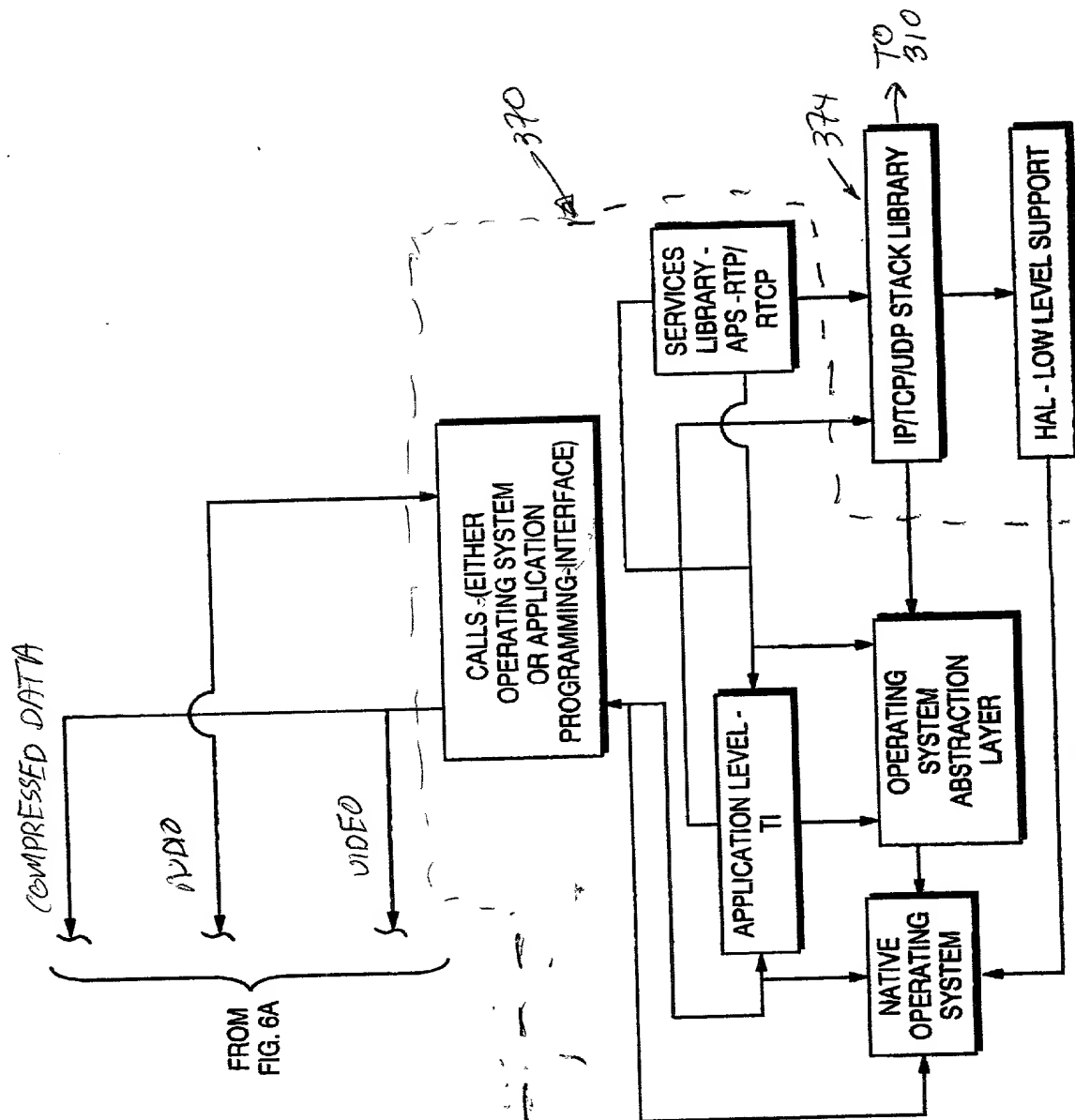


FIG. 6B

+

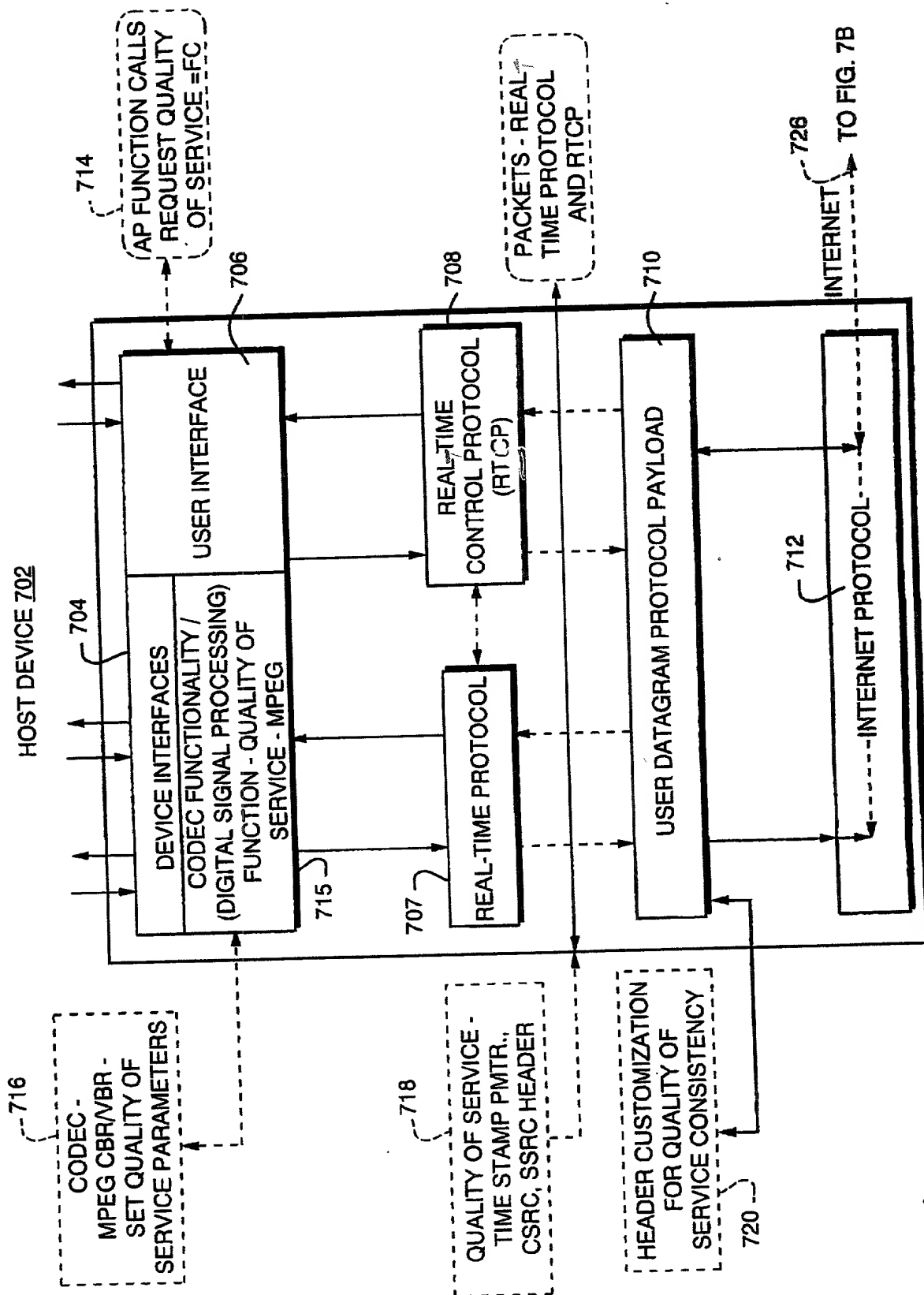
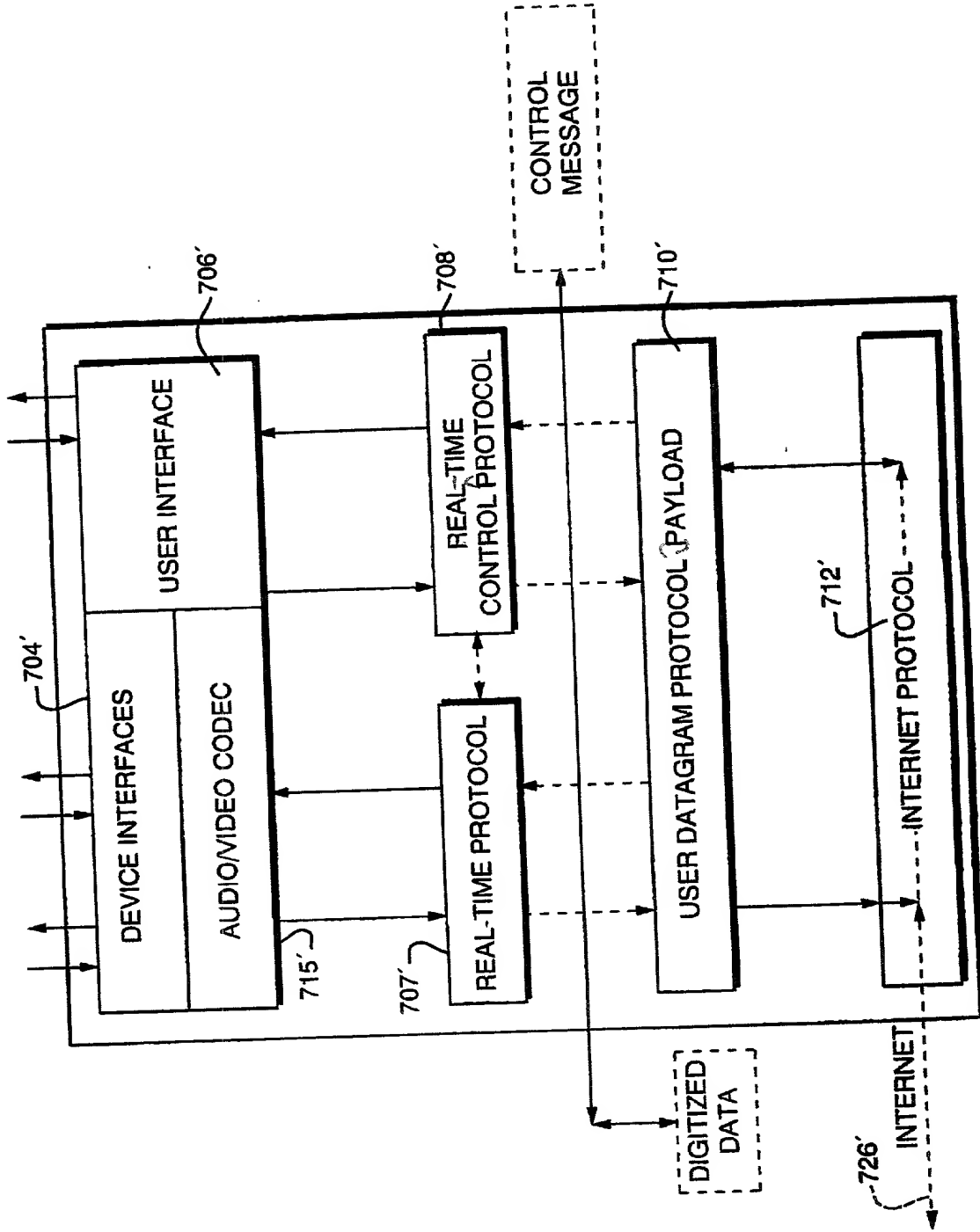


FIG. 7A

+

HOST DEVICE 702'



FROM
FIG. 7A

FIG. 7B

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800

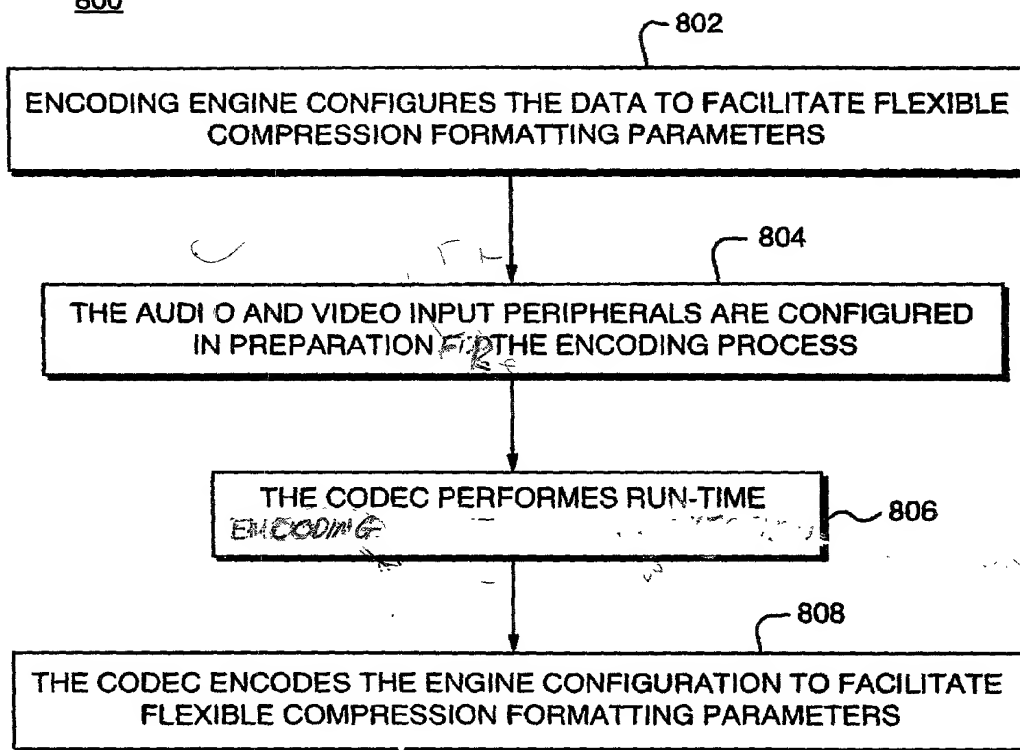


FIG. 8

900

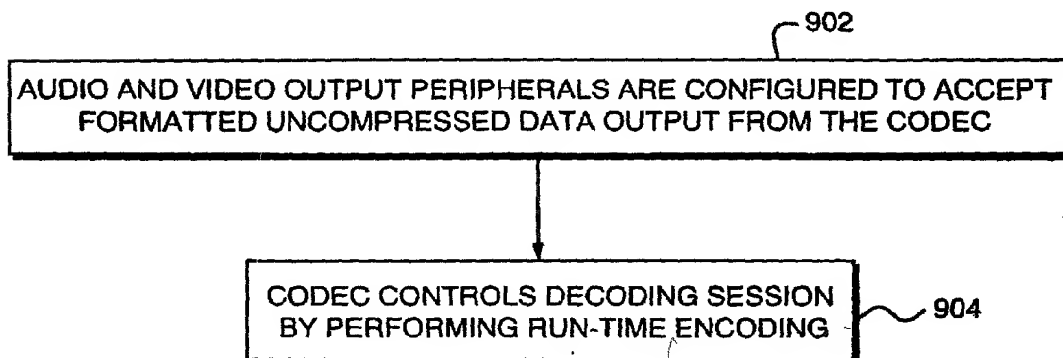


FIG. 9

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1000

1002

BROADBAND INTERFACE UNIT (BIntU) TRANSCEIVER REQUESTS SERVICE FROM THE DATA DISTRIBUTION CONTROL CENTER

1004

ROUTING CHANNEL OF PRESCRIBED BANDWIDTH FOR USER DATAGRAM PROTOCOL WITH VALUE ADDED (UDPVA) PACKETS ESTABLISHED BETWEEN THE BIntU TRANSCEIVER AND THE DATA DISTRIBUTION CHANNEL

1006

SERIES OF UDPVA PACKETS TRANSMITTED TO FORM CONTINUOUS AUDIO/VIDEO STREAM FROM THE DATA DISTRIBUTION CONTROL CENTER TO THE BIntU TRANSCEIVER. RECORD OF EACH UDPVA PACKET MAINTAINED

1008

FOR EACH UDPVA PACKET TRANSMITTED FROM THE DATA DISTRIBUTION CONTROL CENTER TO THE BIntU TRANSCEIVER, A CORRESPONDING RETURN PACKET IS TRANSMITTED FROM THE BIntU TRANSCEIVER TO THE DATA DISTRIBUTION CONTROL CENTER

1010

EACH ONE OF THE SERIES OF UDPVA PACKETS IN CONTINUOUS AUDIO/VIDEO STREAM COMPARED TO RETURN PACKET TO DETERMINE WHICH UDPVA PACKETS WERE RECEIVED AT THE BIntU TRANSCEIVER

1012

DID CORRESPONDING RETURN PACKET RETURN TO DATA DISTRIBUTION CENTER OVER PRESCRIBED PERIOD ?

NO

YES

1014

REASON FOR MISSING PACKETS CONSIDERED AND FAULTY TRANSMIT/RECEPTION CORRECTED

1016

TRANSMISSION MAINTAINED

FIG. 10

09584301 103701

Physical Operatives - Version 1.0

